

CLAIMS

1. Arrangement for producing hot-rolled steel strip, which comprises at least one continuous casting machine, at least one shear, at least one soaking furnace, a descaler, possibly a roughing train, a finishing train (multi-stand rolling mill or Steckel mill(s)), a roller table with a cooling zone, and at least one coiling reel for the hot strip, characterized by the fact that the casting line and the pass line are arranged parallel or approximately parallel to each other in such a way that the casting direction and the rolling direction are oriented essentially opposite each other and are connected with each other by a reheating furnace, and by the fact that the reheating furnace is a rocker-bar hearth furnace or a walking-beam furnace.

2. Arrangement in accordance with Claim 1, characterized by the fact that the distance between the casting line and the pass line is designed in such a way that a sufficient residence and buffering time for the thin slabs in the reheating furnace is guaranteed.

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3. Arrangement in accordance with Claim 1 or Claim 2, characterized by the fact that the reheating furnace is designed to hold at least three slabs and a maximum of twelve slabs.

4. Arrangement in accordance with Claim 1, Claim 2, or Claim 3, characterized by the fact that the casting line consists of one or more casting machines or several cast strands.

5. Arrangement in accordance with one or more of the preceding claims, characterized by the fact that the casting and rolling plane are preferably arranged at the same height.

6. Arrangement in accordance with one or more of the preceding claims, characterized by the fact that at least one continuous furnace is arranged between the casting machine and the reheating furnace.

7. Arrangement in accordance with one or more of the preceding claims, characterized by the fact that at least one continuous furnace is arranged between the rolling mill and the reheating furnace.

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